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Release 3.1A John F. Collins, Biocomputing Research Unit. Copyright (c) 1993-1998 University of Edinburgh, U.K. Distribution rights by Oxford Molecular Ltd

MPsrch_pp on: protein - protein database search, using Smith-Waterman algorithm Thu Jan 13 09:31:42 2000; MasPar time 6.33 Seconds 698.067 Million cell updates/sec

lar output not generated.

Description: Perfect Score: Sequence: >US-08-978-217-16 (1-371) from US08978217.pep 2706 1 MAATCEISNVFSNYFNAMYS.....YKFGKNSSGWKEEEVGESRN 371

Scoring table: PAM 150 Gap 11

Searched: 122461 seqs, 11912985 residues

Post-processing: Minimum Match 0% Listing first 45 summaries

Database:

a-issued 1:5A_COMB 2:5B_COMB 3:PCT9_COMB 4:backfiles1

Statistics: Mean 33.305; Variance 155.589; scale 0.214

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| Result | Score | % Query Match | Length | BB | IJ | Description | 1 | Pred. No. |
|----------|-------|---------------------|--------|----|------------|-------------|--------------|-----------|
| - | 2387 | 88.2 | 371 | 2 | US-08-746- | Sequence 2, | Applicatio | • |
| 2 | 353 | 13.0 | 80 | 2 | -08-46 | Sequence 15 | • | 7e- |
| ω | 353 | | 521 | ۱ | US-08-368- | Sequence 2, | Applicatio | .17e- |
| 4 | 353 | 13.0 | 581 | _ | | Sequence 4, | Applicatio | N |
| ر. | 331 | • | 79 | N | | Sequence 12 | • | .39e-1 |
| o, | 310 | 11.5 | 555 | N | -80 | Sequence 2, | Applicatio | _ |
| 7 | 306 | • | 543 | N | US-08-469- | Sequence 7, | Applicatio | |
| 8 | 306 | 11.3 | 548 | N | | | | 1.98 |
| 9 | 299 | 11.0 | 78 | N | US-08-469- | Sequence 13 | • | ./be-1 |
| 10 | 295 | 10.9 | 81 | N | US-08-469- | | • | 5.99e-15 |
| 11 | 292 | 10.8 | 78 | 2 | US-08-469- | | ` | 1.0/e-14 |
| 12 | 267 | 9.9 | 78 | N | US-08-469- | Sequence 11 | | 1.32e-12 |
| 13 | 204 | 7.5 | 81 | ผ | | | ddv . | 1.89e-07 |
| 14 | 110 | 4.1 | 522 | ν | US-08-625- | | | 2.09e+00 |
| 15 | 101 | ٠ | 1022 | ν | US-08-222- | Sequence 27 | 7, Applicati | 1.12e+01 |
| 16 | 101 | 3.7 | 1022 | N | US-08-271- | Sequence 8, | | 1.12e+01 |
| 17 | 94 | | 310 | w | PCT-US95-0 | Sequence 6 | , Applicatio | 3.32e+01 |
| 18 | 94 | | 622 | N | US-08-664- | Sequence 2 | Applicatio | |
| 19 | 90 | | 531 | N | US-08-923- | Sequence 1 | 2, Applicati | • |
| 20 | 87 | | 280 | ب | US-08-459- | Sequence 8 | , Applicatio | 9.53e+U1 |
| 21 | 87 | 3.2 | 280 | ب | US-08-460- | Sequence 8 | , Applicatio | |
| 22 | 87 | | 280 | μ | US-08-434- | Sequence 8 | , Applicatio | 9.53e+01 |
| 23 | 87 | 3.2 | 280 | ب | US-08-459- | Sequence 8 | , Applicatio | 9.53e+01 |
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| 85 | & 5 | 84 | | D (| 84 | 87 | 86 | 86 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
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| PCT-US94-0 | US-08-145- | 2660 | | ġ | US-08-308- | US-08-426- | PCT-US95-1 | US-08-459- | US-07-968- | rn | US-08-459- | 8 | 8 | US-08-459- | US-08-460- | US-08-434- | US-08-460- | US-08-459- | US-08-434- | US-08-459- | US-08-459- | US-08-460- |
| Sequence 5, | Sequence 5, | | Social Property | Sequence 4, | Sequence 4, | æ | ø | | Sequence 2, | | 0 2 | | æ | Sequence 4, | O | Sequence 2, | Ø | æ | æ | Sequence 6, | Sequence 6, | Sequence b, |
| Applicatio | 1000 | 0 0 | Ξ | Applicatio | ᇤ | | Applicatio | ٠, | : = | . app | - | | . – | Cat | Licat | Applicatio | licat | : : | : = | Tica | plicat | Ticat |
| 1.200102 | | 1 280+02 | | 1.48e+02 | | 9.536+01 | | | 1.116702 | | | | | • | | ٠ù | • | • | ີ່ | • | 9.536+01 | ٠. |

ALIGNMENTS

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|------------|--|---|---|--------|---|---|-------|---|
| | FILING DATE: ATTORNEY/AGENT INFORMATION: NAME: William T. Han NAME: William T. 434 REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: ATG 50024 TELECOMMUNICATION INFORMATION: | APPLICATION NUMBER: US/08/746,789A FILING DATE: No. 5789200ember 15, 1996 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: | COMPUTER: IBM 486 OPERATING SYSTEM: WINDOWS FOR WORKGROUPS SOFTWARE: WICROSOFT WORD CURRENT APPLICATION DATA: | PAGG A | CORRESPONDENCE ADDRESS: ADDRESSEE: SmithKline Beecham Corporation STREET: 709 Swedeland Road, P.O. Box 1539 CITY: King of Prussia | Sequence 2, Application 05/00/40/05A Patent No. 5789200 GENERAL INFORMATION: APPLICANT: Ismail Kola, Martin J. Tymms, Christine DeBouck TITLE OF INVENTION: A No. 5789200el Hunan ETS Family Member, NUMBER OF SEQUENCES: 4 | | JT 1 US-08-746-789A-2 STANDARD; PRT; 371 AA. XXXXXX |

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                   COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 15, Application US/08469412A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     360 GWKEEEVLQSRN 371
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                                                                                                                                                                                                              APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sqouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                   CITY: San Francisco
                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                          STATE:
NAME: Garrett-Wackowski,
REGISTRATION NUMBER: 37,
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ski, Eugenia
37,330
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32; 1
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                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application Patent No. 5721113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          335 YYYKREILERVDGRRLVYKF 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     275 LWEFIRDILIHPELNEGLMKWENRHEGVFKFLRSEAVAQLWGQKKKNSNWTYEKLSRAMR 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 13.0%;
Local Similarity 51.3%;
hes 41; Conservative
                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61 YYYQRGILAKVDGQRLVYHF 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 LWEFLLKLLQDREYCPRFIKWTNREKGVFKLVDSKAVSRLWGMHKNKPDMNYETMGRALR
                                            NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
                                                                                                                                    COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFFWARE: PATENTIA Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
          SEQUENCE CHARACTERISTICS:
                                                                             ATTORNEY/AGENT INFORMATION: NAME: Baumeister, Kirk
                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                APPLICANT: Libermann, Towis
APPLICANT: Oettgen, Joerg I
APPLICANT: Kunsch, Charles
TITLE OF INVENTION: NERF Ge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 80 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: peptide
                                                                                                  APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 424
                                                                                                                                                                                                                           STREET: 709 Swedeland
CITY: King of Prussia
STATE: Pennsylvania
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: 1..80
OTHER INFORMATION: /note- "E74 homologous region to OTHER INFORMATION: ets-like ERF DNA-binding domain" NCE 80 AA; 9816 MW; 33758 CN;
                                                                                                                                                                                                                    COUNTRY:
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Joerg P
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Pred. No. 7.17e-20;
17; Mismatches 22
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                                                                                                                                                 Version #1
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